

Docket No. F-8836

Ser. No. 10/552,255

Abstract

A light-emitting device has spherical photo-electric converting elements that have a substantially spherical acceptance surface, respectively; a light emitting diode powered by the spherical photo-electric converting elements; a control circuit; and a sealing member that integrates the spherical photo-electric converting elements, the light emitting diode and the control circuit. The control circuit is equipped with a light emitting control circuit including a photo-detecting sensor, a charge control circuit and a condenser.